

Corresponds to US5608738

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-135494

(43)Date of publication of application : 23.05.1995

(51)Int.Cl.

H04L 1/00
H04L 12/28
H04L 12/56
H04L 29/08

(21)Application number : 05-303311

(71)Applicant : NEC CORP

(22)Date of filing : 10.11.1993

(72)Inventor : MATSUSHITA HIDEAKI

(54) PACKET TRANSMISSION METHOD, PACKET TRANSMITTER PACKET TRANSMISSION SYSTEM

(57)Abstract:

PURPOSE: To easily reproduce a missing packet by reading data of a same bit location from parts of a transmission data packet and an error correction code packet except headers and arranging the data sequentially to form an error correction frame.

CONSTITUTION: When a transmission data packet is missing or an error through a transmission line takes place due to transmission, a data code part 200 of the error correction frame differs from a regular code part. For example, when a transmission data packet DF3 is missing, information C of the code part 200 is different from that of a regular packet. However, an error correction code part 201 of the error correction frame is a part formed based on the information of the code part 200 at the sender side. Then since the code part 200 is reproduced from the information of the code part 201 conversely, the information of the missing part is reproduced from the code part 201. When the information is reproduced, the reproduced information is transferred to part of X bits of the missing transmission data packet to reproduce the packet DF3.

